at two parallel linear florescent light sources offset from and behind said two display signage panels; and

a light directing panel located behind said two display signages;

wherein light directly incident on said two display signages from said two parallel linear florescent light sources and redirected light from said light directing panel backlight and illuminate said two display signage panel.

21. The double-sided edge lighting-type display box of claim 20 wherein said two display signage panels are substantially the same height as the glass portion of the said two light sources.

22. The double-sided edge lighting type display box of claim 20 wherein the overall thickness of the double-sided edge lighting type display box is 1 inch larger than the diameter of the said fluorescent light source.

23. The double-sided edge lighting-type display light box of claim 20 wherein said light-directing panel comprises two parallel sides with thickness of 2mm that are 50% transparent and 50% non-transparent.

24. The double-sided edge lighting-type display light box of claim 23 wherein at least a portion of the light-directing panel, on both sides, is substantially non-transparent in the form of a triangle with its base in the middle of the light-directing panel and its top angle at the light source, wherein the degree of the top angle is 1.73 degrees and the transparent part of the light

directing panel is also in the form of a triangular with its top angle at the center of the light-directing panel with a degree of 1.73 degrees and wherein the non-transparent parts on both sides of the light-directing panel are parallel.

25. The double-sided edge lighting-type display light box of claim 24 wherein the distance between said two fluorescent light sources should not be greater than .6 of their length.

26. The double-sided edge lighting-type display light box of claim 20 wherein said light-directing panel comprises four reflective sides two and two parallel to each other in a prismatic rhombus form where the smaller diagonal of the base is equal to the diameter of the said linear fluorescent light source.

27. The double-sided edge lighting-type display light box of claim 26 wherein the light directing panel is completely non-transparent and the plane that passes through the larger diagonal of the base lays throughout the plane of the two axis of the fluorescent light source and equidistantly from the design faces.

28. The double-sided edge lighting-type display light box of claim 20 wherein said two parallel fluorescent light sources are located substantially equidistantly from said first display signage panel and second display signage panel and the requirement that the light source's distance from the middle of the display signs be the same as the light source's distance from the side of the display signs for a uniform illumination.

29. The double-sided edge lighting-type display light box of claim 20 further comprising of a housing that has a unique profile for supporting a parabolic reflector for reflecting light from the back side of the fluorescent lamps to the said two display signage panels or at least one display signage panel.

30. The double-sided edge lighting-type display light box of claim 29 wherein said housing with a unique profile for supporting said two linear fluorescent light sources within the housing and in front of the parabolic reflector.

31. The double-sided edge lighting-type display light box of claim 20 wherein said two display signage panels have substantially the same height and length as the light-directing panel.

CONCLUSION

Reconsideration and further examination in conjunction with the attached Appeal is respectfully requested. Applicant has made a diligent effort to place the claims in condition for allowance. For these reasons, and in view of the above amendments, this application is now considered to be in condition for allowance and such action is earnestly solicited.

Respectfully Submitted,

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